Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085110.D
Acq On : 2 Mar 2016 10:53
Operator : SJ/IZ
Sample : PB88620BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88620BS

Manual Integrations APPROVED
UMANGI
3/3/2016 2:05:20 PM

Quant Time: Mar 03 11:21:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	192393	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	771222	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	384988	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	743079	20.00	ng		0.00
75) Chrysene-d12	14.16	240	611924	20.00	ng		0.00
86) Perylene-d12	15.62	264	470301	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1303174	109.96	ng		0.01
7) Phenol-d6	6.62	99	1849891	119.07	ng		0.00
23) Nitrobenzene-d5	7.55	82	1170053	80.72	ng		-0.01
41) 2,4,6-Tribromophenol	10.82	330	510790	132.02	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1927331	73.73	ng		-0.01
78) Terphenyl-d14	13.10	244	1924214	73.77	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	177852	30.28	ng		99
3) Pyridine	3.53	79	584481	38.78	ng		97
4) n-Nitrosodimethylamine	3.48	42	258819	37.74	ng		95
6) Aniline	6.65	93	509394	23.11	ng		98
8) 2-Chlorophenol	6.78	128	562173	41.16	ng		94
9) Benzaldehyde	6.54	77	63210	5.53	ng		95
10) Phenol	6.63	94	811235	46.67	ng		92
11) bis(2-Chloroethyl)ether	6.72	93	493904	35.84	ng		91
12) 1,3-Dichlorobenzene	6.94	146	559378	38.13	ng		95
13) 1,4-Dichlorobenzene	7.00	146	542776	36.30	ng		98
14) 1,2-Dichlorobenzene	7.16	146	549259	41.72	ng		95
15) Benzyl Alcohol	7.13	79	525974	46.45	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	751782	37.02	ng		100
17) 2-Methylphenol	7.23	107	445190	38.90	ng		99
18) Hexachloroethane	7.51	117	215508	38.99	ng		92
19) n-Nitroso-di-n-propylamine	7.40	70	425751	41.58	ng		98
20) 3+4-Methylphenols	7.39	107	603303	44.11	ng	#	76
22) Acetophenone	7.39	105	758126	39.08	ng	#	91
24) Nitrobenzene	7.58	77	602360	40.06	ng	#	84
25) Isophorone	7.82	82	1098735	39.62	ng	#	93
26) 2-Nitrophenol	7.88	139	247717	36.84	ng	#	73
27) 2,4-Dimethylphenol	7.92	122	523995	40.21	ng		94
28) bis(2-Chloroethoxy)methane	8.02	93	708701	46.34	ng		99
29) 2,4-Dichlorophenol	8.12	162	446071	41.60	ng		96
30) 1,2,4-Trichlorobenzene	8.22	180	474353	40.58	ng		98
31) Naphthalene	8.30	128	1492793	38.27	ng		99
32) Benzoic acid	8.02	122	219392	33.94	ng		98
33) 4-Chloroaniline	8.34	127	249903	16.21	ng	#	92
34) Hexachlorobutadiene	8.42	225	268925	39.66	ng		99
35) Caprolactam	8.71	113	155906m	46.33	ng		
36) 4-Chloro-3-methylphenol	8.82	107	531529	44.83	ng		93
37) 2-Methylnaphthalene	8.99	142	1077006	45.17	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	416662	35.14	ng		98
40) Hexachlorocyclopentadiene	9.14	237	528466	78.29	ng		99

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Quant Time: Mar 03 11:21:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	325376	40.76	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	324088	42.37	ng		99
45) 1,1'-Biphenyl	9.45	154	1196428	35.01	ng		96
46) 2-Chloronaphthalene	9.47	162	929195	37.28	ng		95
47) 2-Nitroaniline	9.56	65	287663	36.76	ng	#	72
48) Acenaphthylene	9.90	152	1551488	41.88	ng		99
49) Dimethylphthalate	9.75	163	1077455	37.75	ng		99
50) 2,6-Dinitrotoluene	9.82	165	254525	43.00	ng	#	64
51) Acenaphthene	10.07	154	1044617	44.92	ng		98
52) 3-Nitroaniline	9.98	138	155663	22.14	ng		91
53) 2,4-Dinitrophenol	10.08	184	184409	68.97	ng	#	8
54) Dibenzofuran	10.24	168	1374767	45.54	ng		97
55) 4-Nitrophenol	10.14	139	506166	93.81	ng	#	78
56) 2,4-Dinitrotoluene	10.22	165	375067	47.02	ng		88
57) Fluorene	10.58	166	1056091	44.48	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.35	232	304557	52.56	ng		95
59) Diethylphthalate	10.46	149	1148777	41.99	ng		99
60) 4-Chlorophenyl-phenylether	10.57	204	499640	40.83	ng		96
61) 4-Nitroaniline	10.59	138	263656	40.00	ng		85
62) Azobenzene	10.73	77	1306196	47.26	ng		98
64) 4,6-Dinitro-2-methylphenol	10.62	198	155166	36.74	ng	#	48
65) n-Nitrosodiphenylamine	10.68	169	911073	38.90	ng		100
66) 4-Bromophenyl-phenylether	11.06	248	336372	43.11	ng		92
67) Hexachlorobenzene	11.13	284	378369	42.96	ng	#	89
68) Atrazine	11.21	200	283920	39.74	ng		99
69) Pentachlorophenol	11.31	266	410576	79.44	ng		98
70) Phenanthrene	11.54	178	1570749	42.50	ng		99
71) Anthracene	11.60	178	1647855	39.70	ng		97
72) Carbazole	11.75	167	1574203	43.58	ng		98
73) Di-n-butylphthalate	12.08	149	1752134	40.75	ng		99
74) Fluoranthene	12.73	202	1770535	43.65	ng		97
76) Benzidine	12.84	184	504583	27.27	ng		99
77) Pyrene	12.96	202	1766440	42.29	ng		99
79) Butylbenzylphthalate	13.58	149	718082	40.59	ng		98
80) Benzo(a)anthracene	14.15	228	1460528	41.11	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	227872	20.52	ng	#	96
82) Chrysene	14.18	228	1383704	42.65	ng		99
83) Bis(2-ethylhexyl)phthalate	14.13	149	908765	44.50	ng		100
84) Di-n-octyl phthalate	14.74	149	1442154	47.57	ng		99
85) Indeno(1,2,3-cd)pyrene	17.11	276	1010714	36.84	ng		100
87) Benzo(b)fluoranthene	15.20	252	1240407	43.32	ng		100
88) Benzo(k)fluoranthene	15.22	252	1043072m	42.05	ng		
89) Benzo(a)pyrene	15.57	252	1038145	43.10	ng		99
90) Dibenzo(a,h)anthracene	17.13	278	857425	39.52	ng		98
91) Benzo(g,h,i)perylene	17.55	276	852247	38.64	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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